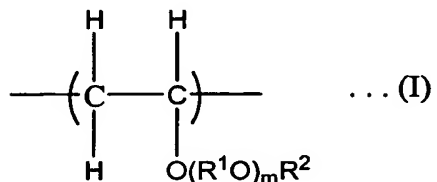


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously presented): A process for producing a high purity polyvinyl ether compounds having a constituting unit represented by general formula (I):



wherein R¹ represents a divalent hydrocarbon group having 1 to 10 carbon atoms which may be branched, R² represents a monovalent hydrocarbon group having 1 to 20 carbon atoms which may be branched, m represents numbers giving an average value in a range of 0 to 10, R¹O's may represent the same group or different groups when more than one R¹O are present, and R¹, R² and m may be the same with or different from each other among constituting units, comprising a step of treating at least one crude polyvinyl ether compound of said general formula (I) with an adsorbent, wherein said adsorbent is silica-alumina, activated clay, bentonite or activated carbon.

Claims 2-4 (Canceled).

Claim 5 (Previously Presented): A lubricating oil which comprises a high purity polyvinyl ether compound obtained in accordance with the process described in Claim 1.

Claim 6 (Canceled).

Claim 7 (Previously Presented): A lubricating oil which comprises a high purity polyvinyl ether compound which is obtained in accordance with the process described in Claim 1 and has a volume specific resistance of $10^{14} \Omega \cdot \text{cm}$ or greater at 30°C .

Claim 8 (Canceled).

Claim 9 (Previously Presented): The lubricating oil according to Claim 5 which is used for refrigerators.

Claim 10 (Previously Presented): The process according to Claim 1, wherein the step of treating at least one crude polyvinyl ether compound with an adsorbent is a step of bringing the at least one crude polyvinyl ether compound into contact with the adsorbent.

Claim 11 (Previously Presented): The process according to Claim 1, wherein the crude polyvinyl ether compound has a volume specific resistance smaller than $10^{14} \Omega \cdot \text{cm}$ at 30°C and the high purity polyvinyl ether compound obtained after the treatment with a adsorbent has a volume specific resistance of $10^{14} \Omega \cdot \text{cm}$ or greater at 30°C .

Claim 12 (Previously Presented): The process according to Claim 1, wherein the crude polyvinyl ether compound has a weight-average molecular weight in a range of 150 to 3,000.

Claim 13 (Canceled).

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Claim 14 (Previously Presented): The lubricating oil according to Claim 7 which is used for refrigerators.

Claim 15 (Canceled).